

Document Control No. UB3016GP3:VDD.1

**Version Description Document for  
UBPATCH, Version 3.0.1.6GP3**

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## **1.0 System Overview**

The UBPATCH, Version 3.0.1.6GP3 upgrades the existing software to include the items listed in 2.2 Software Changes. The UBPATCH, Version 3.0.1.6GP3 was developed to run with Unified Build Version 3.0.1.6G, in the Global Command and Control System (GCCS).

## **2.0 Version Description**

The following subsections describe UBPATCH, Version 3.0.1.6GP3:

### **2.1 Inventory of Materials Released**

The following physical media and associated documentation make up UBPATCH, Version 3.0.1.6GP3:

- UBPATCH, Version 3.0.1.6GP3 segment tape.
- *Version Description Document (VDD) for UBPATCH, Version 3.0.1.6GP3.*

### **2.2 Software Changes**

The following changes were made to the applicable version of UB:

#### **2.2.1 UBPATCH 3.0.1.6GP3 Modifications**

The following changes were made from UBPATCH, Version 3.0.1.6GP2 to UBPATCH, Version 3.0.1.6GP3:

- Included roll-up of all previous 3.0.1.6G patches (specifically, UBPATCH, Version 3.0.1.6GP1 and 3.0.1.6GP2, see changes below).
- Corrected a number of bugs with the "ATOX+" software (ATO processing). Enabled receipt of VERY long "NARR" entries, corrected MERGE problems (deleted CHANGE message, or original ATO with no CHANGE's received yet). Corrected 1st TASKUNIT failure to plot.
- Added the capability to display link tracks by Mode-3 IFF value. The Mode-3 option is now available from the Plot Controls/Symbol Labels window.
- Under UB's Track Status window, added capability for users to see maximum track database size by track type. These max values are configurable through a sysadmin option, but they can now be viewed through Track Status.

- Corrected potential socket-related instability in QueryServer executable, which could have caused processes connecting to QueryServer to lock up if incorrect data was passed.
- Modified Mdx datafile for MdxTrkBdcst encoder to increment number of slots field, to help protect against data loss in burst situations.
- Rewrote Printer Setup windows using Motif window manager, so that Mixed Case is now supported in the Printer Name field. This REMOVES the restriction that all printers used by UB must be ALL CAPS.
- HP ONLY: Corrected a problem with the version file of the GCCS Account Group that was causing the "GCCS REV 2.2" version number to appear incorrectly during a user session.

## **2.2.2 UBPATCH 3.0.1.6GP2 Modifications**

The following changes were made from UBPATCH, Version 3.0.1.6GP1 to UBPATCH, Version 3.0.1.6GP2:

- Included roll-up of all previous 3.0.1.6G patches (specifically, UBPATCH, Version 3.0.1.6GP1, see changes below).
- Increased maximum JUNIT count in Tdbm by 1150 to a total of 1650. Also included a new SysAdmin menu option to reconfigure the maximum track limit distributions by track type. NOTE: Reconfiguration requires reboot of all systems on the LAN running UB.
- Corrected the ability of the Set View Filter application to crash System Chart if the View Window was not already launched.

## **2.2.3 UBPATCH 3.0.1.6GP1 Modifications**

The following changes were made in UBPATCH, Version 3.0.1.6GP1:

- ATOX + -- Enhancement to the functionality of the UB ATO processing, adding features such as the ability to attach link tracks by mode-2 to targets so the ATO can be monitored as it is carried out.
- LOS Profile -- Adds LOS Profile capabilities to the system, allowing a graphic elevation profile of the line of sight between two selected points on the display (DTED map data only).

- Link-11 ADSI Interface -- A LK11ADS interface is added to the list of available interfaces, allowing the Link-11 Indian-Head protocol to receive real-time ADSI link track information and plot the tracks using a stereographic projection on the geodisplay.

### **3.0 Installation Instructions**

The UBPATCH, Version 3.0.1.6GP3 is in standard GCCS segment format. For instructions on installing GCCS segments, see *the Unified Build 3.0.1.6G System Administrator's Guide*, Segment Installer.

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